

FORM PTO-1390 (REV. 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 20971P
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/501640</b>
INTERNATIONAL APPLICATION NO. PCT/US03/00874	INTERNATIONAL FILING DATE 10 January 2003	PRIORITY DATE CLAIMED 15 January 2002	
TITLE OF INVENTION 17-HYDROXY-4-AZA-ANDROSTAN-3-ONES AS ANDROGEN RECEPTOR MODULATORS			
APPLICANT(S) FOR DO/EO/US William P. Dankulich, Robert S. Meissner, Helen J. Mitchell and James J. Perkins			
<p><b>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</b></p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (19) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (PCT Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].</li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]. <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].</li> </ol> <p><b>Items 11 to 18 below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li><input checked="" type="checkbox"/> Other items or information: Application Data Sheet Under 37 CFR 1.76 to satisfy requirements of 37 CFR 1.63(c) to identify the residence of the inventors.</li> </ol>			

**EXPRESS MAIL CERTIFICATE**  
DATE OF DEPOSIT July 15, 2004  
EXPRESS MAIL NO. EL989590637US  
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS EXPRESS MAIL \*POST OFFICE TO ADDRESSEE\*  
ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VIRGINIA 22318-1450.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/501640</b>		INTERNATIONAL APPLICATION NO. PCT/US03/00874		ATTORNEY'S DOCKET NUMBER 20971P	
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19. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS	PTO USE ONLY
<b>BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]:</b>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee [37 CFR 1.445(a)(2)] paid to USPTO and International Search Report not prepared by the EPO or JPO..... <b>\$1,080.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... <b>\$920.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee [37 CFR 1.445(a)(2)] paid to USPTO ..... <b>\$770.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... <b>\$730.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... <b>\$100.00</b>					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$100.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].					
Claims	Number Filed	Number Extra	Rate		
Total Claims	46 - 20 =	26	X <b>\$18.00</b>	\$468.00	
Independent Claims	6 - 3 =	3	X <b>\$86.00</b>	\$258.00	
Multiple dependent claim(s) (if applicable)			+ <b>\$290.00</b>	\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$826.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$826.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
<b>TOTAL NATIONAL FEE =</b>				<b>\$826.00</b>	
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property.				+	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$826.00</b>	
				Amount to be refunded	
				charged	

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 13-2755 in the amount of \$826.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.**

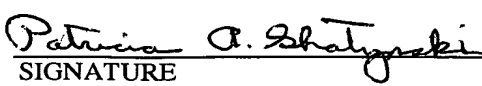
SEND ALL CORRESPONDENCE TO:

Customer No. 000210

MERCK & CO., INC.  
 Patent Department, RY60-30  
 P.O. Box 2000  
 126 East Lincoln Avenue  
 Rahway, New Jersey 07065-0970

DATE: July 15, 2004

PHONE #: (732) 594-1652

  
 SIGNATURE

Patricia A. Shatynski  
 NAME

43,109  
 REGISTRATION NUMBER